

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: ATLANTA GOLD CORPORATION
ADDRESS: 2417 BANK DRIVE, SUITE 101
BOISE, ID 83705

FACILITY: ATLANTA GOLD PROJECT

LOCATION: 1.5 MILES SOUTH OF ATLANTA
ATLANTA, ID 83601

ATTN: WM. ERNEST SIMMONS, PRESIDENT

IDG910006	001-A
PERMIT NUMBER	DISCHARGE NUMBER

DMR Mailing ZIP CODE: 83705

MINOR

(SUBR 02)

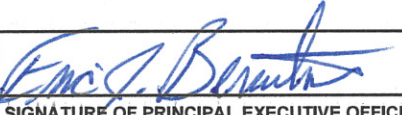
DISCHARGE FROM 900 LEVEL ADIT TO MONT

External Outfall

No Discharge ☐

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM	11/01/2014	TO	11/30/2014

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. centigrade 00010 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	7.2	deg C		weekly	grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	19 DAILY MX	deg C		Weekly	GRAB
Temperature, water deg. centigrade 00010 5 0 Upstream Monitoring	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	5.8	deg C		monthly	grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX	deg C		Monthly	GRAB
Temperature, water deg. centigrade 00010 6 0 Downstream Monitoring	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	5.5	deg C		monthly	grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX	deg C		Monthly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7.7	*****	7.9	SU		weekly	grab
	PERMIT REQUIREMENT	*****	*****	*****	6.5 INST MIN	*****	9 INST MAX	SU		Weekly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	<3	mg/L		weekly	grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	30 DAILY MX	mg/L		Weekly	GRAB
Arsenic, total recoverable 00978 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	56	ug/L	4	weekly	grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10 DAILY MX	ug/L		Weekly	GRAB
Arsenic, total recoverable 00978 5 0 Upstream Monitoring	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	70	ug/L		monthly	grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX	ug/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Wm. Ernest Simmons, President TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE 208-424-3343		DATE 12/10/2014 MM/DD/YYYY
			AREA Code	NUMBER	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) (see attached)
A MAXIMUM TEMPERATURE LIMIT OF 9 DEGREE C APPLIES TO THE DISCHARGE DURING PERIODS OF SALMONID SPAWNING

ICTS
12/15/14

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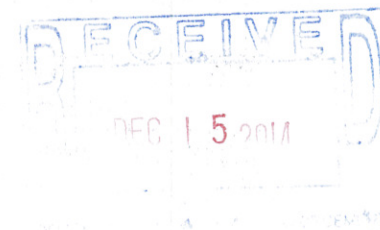
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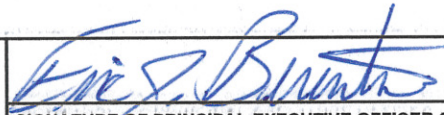
External Outfall

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FROM	11/01/2014	TO	11/30/2014

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Arsenic, total recoverable 00978 6 0 Downstream Monitoring	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	54	ug/L		monthly	grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX	ug/L		Monthly	GRAB
Iron, total recoverable 00980 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	440	ug/L		weekly	grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1000 DAILY MX	ug/L		Weekly	GRAB
Flow 74076 1 0 Effluent Gross	SAMPLE MEASUREMENT	40330	40752	gal/d	*****	*****	*****	*****		continuous	record
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	gal/d	*****	*****	*****	*****		Continuous	RECORD



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			208-424-3343	12/10/2014
			AREA Code	NUMBER
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NONCOMPLIANCE REPORT

Attachment to Atlanta Gold Corporation's Discharge Monitoring Reports

May 2014 – Two events in May affected sample results: 1) high spring runoff and 2) an uncontrolled release in water flow caused by a ground collapse in the cross-cut behind the bulkhead. This resulted in water cresting the bulkhead and flushing sediment from the floor of the crosscut and carrying it downstream through the pre-pond solids filters, to the containment ponds (this could be seen as an 8-12 inch orange ring above the normal water line.)

From the containment ponds the water pushed over and through the filters in the water treatment facility, depositing silt throughout. The silt restricted flow through most of the filters in the system. Large scale cleaning of the water treatment facility is in progress.

The influent flow to the water treatment facility on May 1, 2014 was 73.8 gallons per minute ("gpm") and by May 13, 2014 had risen to 121.3 gpm. On May 14th, the flow surged to 462.9 gpm and flow spiked to 1048.2 gpm on May 17th.

Best management practices are being used to address the issues. Portions of the water treatment facility have been taken off line for cleaning, rebuilding and maintenance.

June 2014 – The continued high spring runoff and additional rock collapse on June 10th behind the bulkhead inside the 900 Level Adit created substantial increases in the arsenic and iron levels in the Adit Effluent. Due to the ongoing cleaning, rebuilding and maintenance of the water treatment facility, the arsenic level dropped back into compliance mid-month.

July 2014 – The July samples ranged from <5 to 17 ug/L for arsenic and <50 to 550 ug/L for iron. Both ponds were cleaned out during the month and filter materials were replaced in Tank #3 & Tank #4.

November 2014 – The November water sample results confirm that a change is required to the filter system to achieve maximum recovery of arsenic and iron. Additional filter media was added to tank #6 which reduced effluent arsenic and iron levels. Back up filter cells were put on line and those cells that came off line are being cleaned and undergoing unscheduled maintenance. The Pilot Water Treatment Facility will continue to meet the designed recovery of both arsenic and iron.

A discrepancy between the influent volume to the Pilot Water Treatment Facility (the "facility") and the effluent volume from the facility has been noted. These measurements are taken weekly at parshall flumes located at the influent to the sedimentation ponds and at the effluent from the facility. Volumetric testing of the influent and effluent confirmed that there are no leaks from the facility. The flumes will be recalibrated accordingly. Confirmation and recalibration will be confirmed by a professional service.